

## **ABSTRACT**

A folding linkage is hereby disclosed that is comprised of four links, each link having a bevel gear on its end, where each link is in geared contact with a neighboring link, such that both links are held together by a hub element that is small relative to the two links. An alternate embodiment of the invention has links that have a spur gear on each end, whereby each gear end is engaged with a central rack (linear gear).